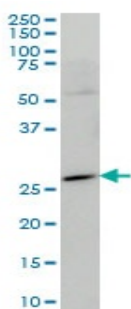


Mouse monoclonal to human Transcription factor HES-1 [4D9]: IgG

Catalogue No.:	M-841-100
Description:	Transcription factor HES-1 is a transcriptional repressor of genes that require a basic helix-loop-helix protein for their transcription. It needs to form a complex with a corepressor protein (Groucho) to repress transcription. Transcription factor HES-1 has a particular type of basic domain which contains a helix-interrupting proline, that binds to the N-box (CACNAG) rather than the canonical E-box (CANNTG). It also consists of a C-terminal WRPW motif that is necessary for the interaction with Groucho. It localises to the nucleus.
Batch No.:	Refer to product label
Unit size:	100 ug
Antigen:	Partial recombinant protein of human Transcription factor HES-1 (aa 36 to 143) with a GST tag.
Clone:	4D9
Other Names:	Hairy and enhancer of split 1; Hairy-like; HHL; Hairy homolog; HES1; HL; HRY
Accession:	HES1_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB, and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.3
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot analysis on human acute monocytic leukemia cell lysate using mouse monoclonal antibody to human Transcription factor HES-1, catalogue number M-841-100. This antibody detects a band at ~30kDa.

FOR RESEARCH USE ONLY